PEOPLE on the MOVE

Human Resources reports the following personnel changes as of November 7, 1998:

Key Management Assignments

Bill Parsons was selected as deputy director, Center Operations Directorate.

Larry Kenyon was named deputy manager, Space Operations Business Management Office.

Jim Ruzkowski was selected as manager, Emergency Operations Center, Mission Operations Directorate.

Alan Lindenmoyer was named manager, Configuration Management Office, International Space Station Program Office.

Reassignments Between Organizations

Bill Sheegog moves from the Space and Life Sciences Directorate to the Engineering Directorate.

Doug Whitehead moves from the Space Shuttle Program Office to the Engineering Directorate.

Shayla Taylor moves from the Space Operations Management Office to the Information Systems Directorate.

Jim Wade moves from the Safety, Reliability, and Quality Assurance Office to the International Space Station Program.

Retirements

G*race Germany* of the Business Management Directorate.

David Camp of the Space Shuttle Program Office.

Resignations

Kenneth Adams of the Business Management Directorate.

Mary Mueller of the Center Operations Directorate.

Kevin Klein and *Sherry Molnar* of the International Space Station Program Office.

DATES & DATA

December 16

Scuba club meets: The Lunarfins will meet at 7:30 p.m. Dec. 16 at Pot Pie Pizzeria at Watergate Marina. For details, call Mike Manering at x32618.

Astronomy seminar: The JSC Astronomy Seminar will meet at noon Dec. 16, 23 and 30 in Bldg. 31, Rm. 129. For more information, call Al Jackson at x35037.

December 17

Directors meet: The Space Family Education board of directors will meet at 11:30 a.m. Dec. 17 in Bldg. 45, Rm. 712D. For more information on this open meeting, call Gretchen Thomas at x37664.

December 23

Spaceland Toastmasters meet: The Spaceland Toastmasters will meet at 7 a.m. Dec. 23, 30 and Jan. 6 at the House of Prayer Lutheran Church. For more information, call George Salazar at x30162.

Communicators meet: The Clear Lake Communicators, a Toastmasters club, will meet at 11:30 a.m. Dec. 23, 30 and Jan. 6 at Lockheed Martin, 555 Forge River Rd. For details, call Allen Prescott at 282-3281 or Mark Caronna at 282-4306.

Spaceteam Toastmasters meet: The Spaceteam Toastmasters will meet at 11:30 a.m. Dec. 23, 30 and Jan. 6 at United Space Alliance, 600 Gemini. For details, call Patricia Blackwell at (281) 282-4302 or Brian Collins at x35190.

December 31

New Year's dinner: The New Year's Day dinner/dance will begin at 7 p.m. Dec. 31 at the Gilruth Center. Cost is $25 per person. Tickets are on sale through Dec. 29 at the Bldg. 11 Exchange Store.

January 4

NSBE meets: The National Society of Black Engineers will meet at 6:30 p.m. Jan. 4 at Texas Southern University, School of Technology, Rm. 316. For details, call Kimberly Topps at (281) 280-2917.

January 7

Warning System Test: The site-wide Employee Warning System will perform its monthly audio test at noon Jan. 7. For additional information, call Bob Gaffney at x34249.

January 8

Astronomers meet: The JSC Astronomical Society will meet at 7:30 p.m. Jan. 8 at the Center for Advanced Space Studies, 3600 Bay Area Blvd. For more information, call Chuck Shaw at x35416.

January 12

Aero club meets: The Bay Area Aero Club will meet at 7 p.m. Jan. 12 at the Houston Gulf Airport clubhouse at 2750 FM 1266 in League City. For more information, call Larry Hendrickson at x32050.

NPMA meets: The National Property Management Association will meet at 5 p.m. Jan. 12 at Robinette and Doyle Caterers, 216 Kirby in Seabrook. Dinner costs $14. For more information, call Sina Hawsey at x36582.

January 14

MAES meets: The Society of Mexican-American Engineers and Scientists will meet at 11:30 a.m. Jan. 14 in Bldg. 16, Rm. 111. For details, call George Salazar at x30162.

Airplane club meets: The MSC Radio Control Airplane Club will meet at 7:30 p.m. Jan. 14 at the Clear Lake Park pavilion. For more information, call Bill Langdoc at x35970.

January 19

NCMA meets: The National Contract Management Association will hold its annual conference Jan. 19-20. For details, contact Christine Mack at x31244 or Mara Savely at 286-5751.

Space station conference set for February

NASA will cosponsor a conference on International Space Station utilization scheduled for February 1-4, 1999, in Albuquerque, N.M.

More than 20 sessions will cover all of the major research areas to be explored on the ISS including biotechnology, biomedicine, gravitational biology, materials science, fluids and combustion research, space science, Earth science and engineering research. Sessions on commercial research and service activities and technical presentations on ISS capabilities will also be included.

The complete list of planned papers, as well as registration and logistics information, may be found on the web at http://www-chne.unm.edu/isnps. ■

NASA BRIEFS

NASA TECHNOLOGY HELPS PRESERVE OLD GLORY

A NASA infrared camera developed to explore Mars will assist the Smithsonian Institution in its three-year project to preserve the Star-Spangled Banner. The camera, built at NASA's Goddard Space Flight Center, Greenbelt, MD, is taking images of the historic flag in infrared light to help preservationists identify deteriorated and soiled areas not obvious to the human eye.

The camera, called the Acousto-Optic Imaging Spectrometer, was developed by Dr. David Glenar at Goddard. Considered a national treasure, the Star-Spangled Banner flew over Fort McHenry in Baltimore, MD, during the War of 1812 and inspired the words that became the U.S. national anthem. Despite receiving special care at the Smithsonian's National Museum of American History, the flag is deteriorating from decades of exposure to light, air pollution and temperature fluctuations.

AIR-BREATHING ROCKET ENGINE TESTS SUCCESSFULLY COMPLETED

NASA has successfully completed two years of testing radical, new rocket engines that could change the future of space travel. NASA and its industry partners have ground tested rocket engines that "breathe" oxygen from the air.

"Air-breathing rocket engine technologies have the potential of opening the space frontier to ordinary folks," said Uwe Hueter of NASA's Marshall Space Flight Center in Huntsville, Ala.

Air-breathing rocket engines could make future space travel like today's air travel, said Hueter, manager of NASA's Advanced Reusable Technologies project. The spacecraft would be completely reusable, take off and land at airport runways, and be ready to fly again within days. An air-breathing rocket engine inhales oxygen from the air for about half the flight, so it doesn't have to store the gas on board. So at take-off, an air-breathing rocket weighs much less than a conventional rocket, which carries all of its fuel and oxygen on board. Getting off the ground is the most expensive part of any mission to low-Earth orbit, and reducing a vehicle's weight decreases cost significantly.

WEILER TO HEAD SPACE SCIENCE OFFICE

NASA Administrator Daniel S. Goldin has named Dr. Edward J. Weiler as associate administrator for NASA's Office of Space Science.

Weiler had served as acting associate administrator since Sept. 28, following the departure of Dr. Wesley T. Huntress Jr.

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